

Work Order ID **94146**

November-30-12 9:29:44 AM

94146

Page 1

Item ID: D3953-21

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Gas Spring Bracket

Start Date: 11/30/12 Start Qty: 12.00

12

Cust Item ID:

Required Date: 12/07/12 Req'd Qty: 12.00

12

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 12-12-03 Tooling:

Date: _____

Run Start ***NR1***

QC: _____

Date: _____ SPC (Y/N): _____

Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3953	C								
100		0.00							
100									
Waterjet	Memo	0.00							
FLOW CNC Waterjet	1-Cut as per Dwg D3953								
<u>304.125</u>	Dwg Rev: <u>C</u>								
	Prog Rev: <u>C</u>								
	2-Deburr if necessary								
110	QC2- Inspect parts off machine FAI/FAIB	0.00							
110									
QC	Memo	0.00							
Quality Control									

12 0 Jm 12-12-10

12 0 Jm 12-12-10

November-30-12 9:29:44 AM

Page 2

Stop *NS2*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Quality Control

16

12/12/10

⑫ 12-12-10

DAS
 09
 9-89

162X

12/2/11

⑫ 12-12-11

DAS
09
9-29

Work Order ID 94146

94146

Page 3

November-30-12 9:29:44 AM

Item ID: D3953-21

Accept

N9000040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Gas Spring Bracket

Start Date: 11/30/12 Start Qty: 12.00

12

Cust Item ID:

Required Date: 12/07/12 Req'd Qty: 12.00

12

Customer:

Reference:

Run Start

NR1

Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop

NR2

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

150

Identify as per dwg & Stock Location: ST077

0.00

150

Packaging

Memo

0.00

Packaging

12

12/12/11 JB

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Memo

0.00

Quality Control

12/12/12 JB

ME
12-12 01

Picklist Print

November-30-12 9:29:43 AM

Page 1

Work Order ID: 94146

Parent Item: D3953-21

Parent Item Name: Gas Spring Bracket

Start Date: 11/30/12

Required Date: 12/07/12

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP RevA: new issue DD 09.11.30 verified by:EC
10.03.02 verified by:EC

IPP Rev:B as per dwg revC DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

M304S11GA

304/316 0.125 Sheet

Purchased

No

100

sf

118.4500

0.0144

0.1818948

0.2

11-27-12

Location

Loc Qty

Loc Code

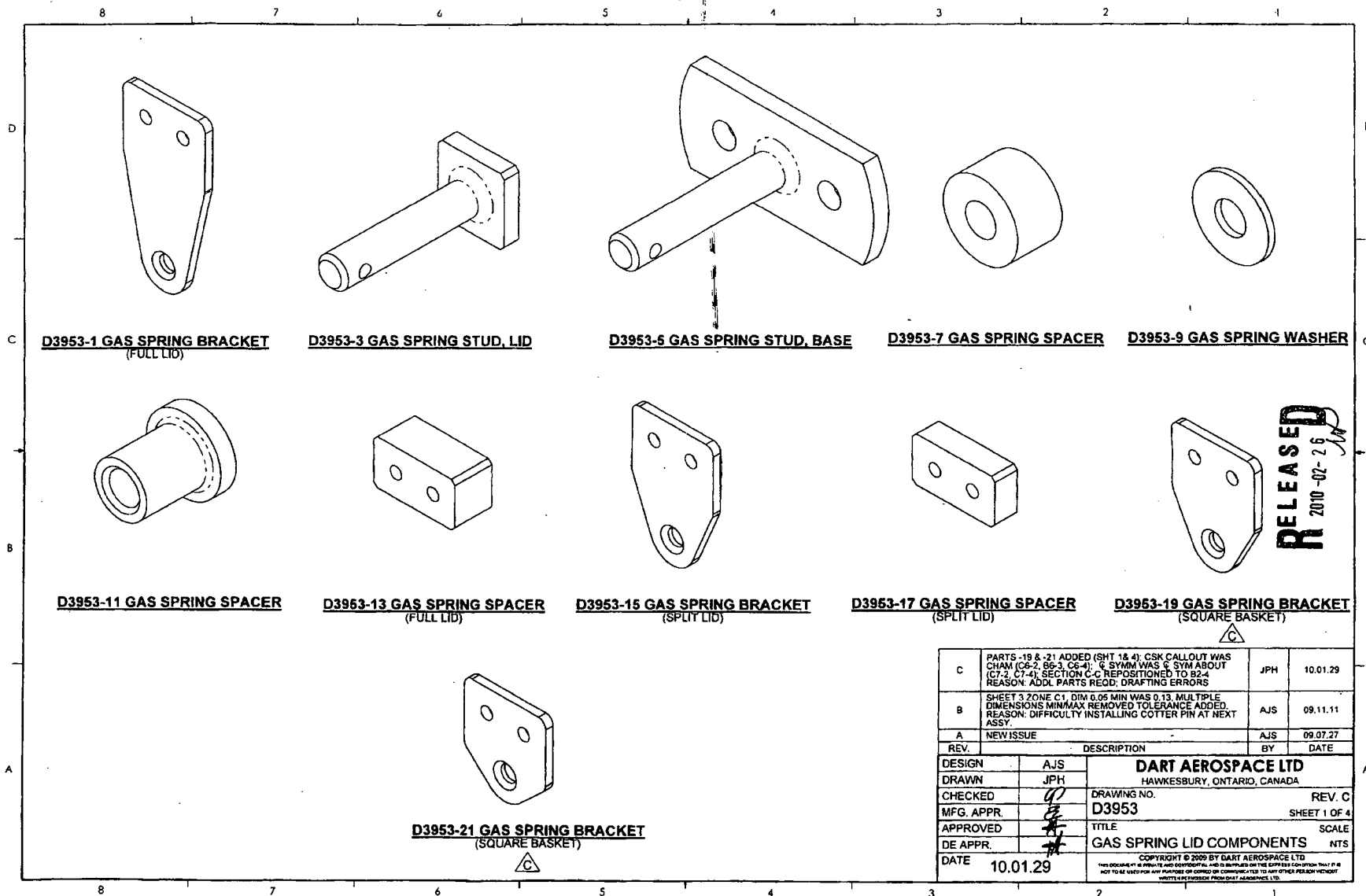
MAT020

118.45

122521

118.45

122521

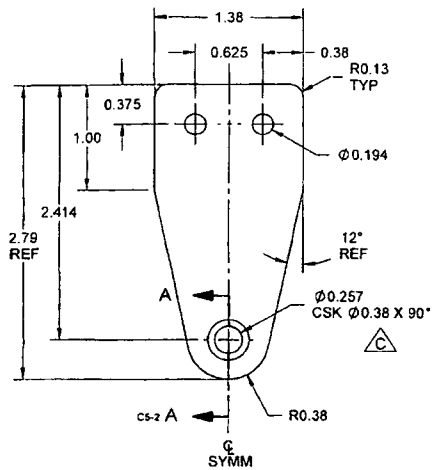


C	PARTS -19 & -21 ADDED (SHT 1 & 4). CSK CALLOUT WAS CHAM (CG-2, SG-3, CG-4). G SYMM WAS G SYM ABOUT (C7-3, C7-4). SECTION C-C REPOSITIONED TO B2-4 REASON: ADDL PARTS REQD; DRAFTING ERRORS	JPH	10.01.29
B	SHEET 3 ZONE C1 DIM 0.05 MIN WAS 0.13. MULTIPLE DIMENSIONS MIN/MAX REMOVED TOLERANCE ADDED. REASON: DIFFICULTY INSTALLING COTTER PIN AT NEXT ASSY.	AJS	09.11.11
A	NEW ISSUE	AJS	09.07.27
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	JPH	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JP	DRAWING NO.	REV. C
MFG. APPR.	JP	D3953	SHEET 1 OF 4
APPROVED	JP	TITLE	SCALE
DE APPR.	JP	GAS SPRING LID COMPONENTS	NTS
DATE	10.01.29	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR FOR ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

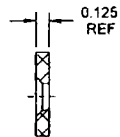
SHORT NAME
RETURNED
ENGINEER'S
UNCONTROLLED COPY
SUBJECT TO AGREEMENT
WITHOUT NOTICE
WORK ORDER
NO. 94146 MLC5

12-12-03

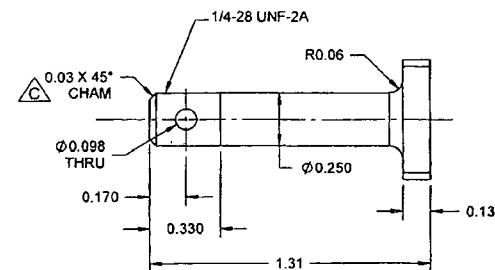
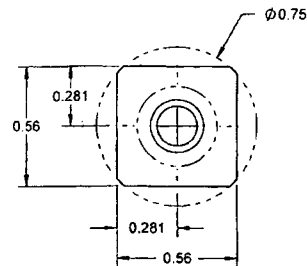
8 7 6 5 4 3



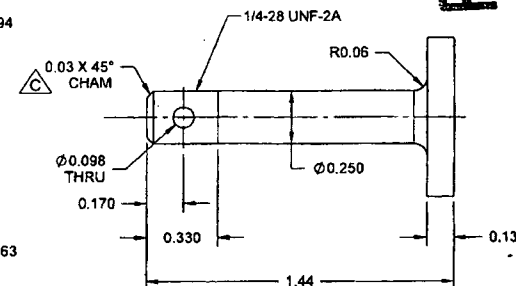
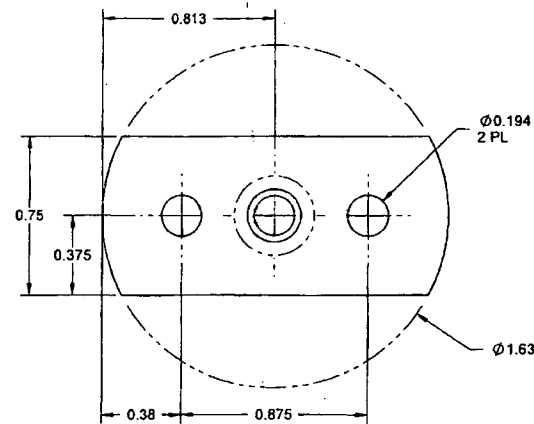
D3953-1 GAS SPRING BRACKET
(FULL LID)



SECTION A-A_{C7-2}



D3953-3 GAS SPRING STUD, LID

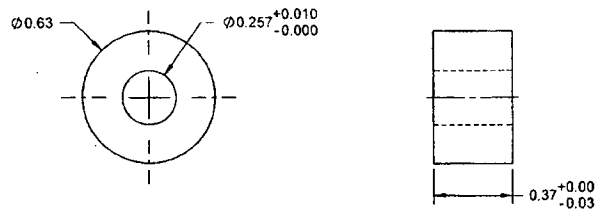


D3953-5 GAS SPRING STUD, BASE

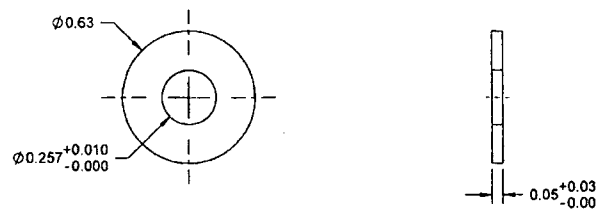
- NOTES:
- 1) MATERIAL -1: 304/316 STAINLESS STEEL SHEET ANNEALED 2B FINISH
PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240
REF DART SPEC M304S11GA
 - 3 & -5: AISI 304 STAINLESS STEEL BAR
REF DART SPEC M304B
OR:
AISI 304/316 STAINLESS STEEL ROD
REF DART SPEC M304R
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3953-X" USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT -1: 0.11 lbs
-3: 0.03 lbs
-5: 0.06 lbs

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	JPH	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. C
MFG. APPR.	<i>[Signature]</i>	D3953	SHEET 2 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	GAS SPRING LID COMPONENTS	NTS
DATE	10.01.29	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD. IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT EXPRESS WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

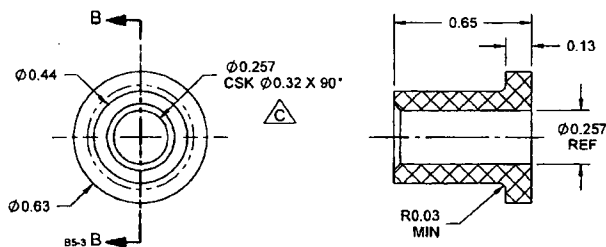
94146



D3953-7 GAS SPRING SPACER

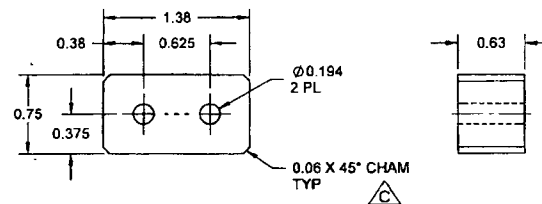


D3953-9 GAS SPRING WASHER



D3953-11 GAS SPRING SPACER

SECTION B-B 87-3



D3953-13 GAS SPRING SPACER

NOTES:

1) MATERIAL -7,-9 & -11: DELRIN II 150E OR ACETRON GP ACETAL, BLACK
REF DART SPEC M-DELIN-R

-13: AISI 304 STAINLESS STEEL BAR
REF DART SPEC M304B

2) FINISH: N/A

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION -13 ONLY: IDENTIFY WITH DART P/N "D3953-13" USING FINE POINT PERMANENT INK MARKER

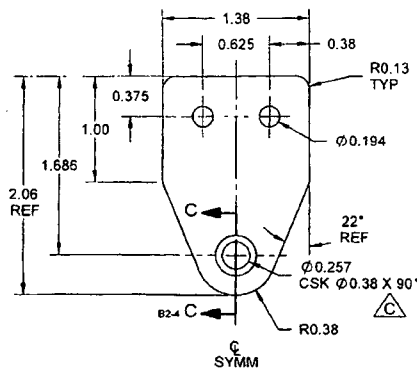
7) WEIGHT -7/-9/-11: < 0.01 lbs EACH

-13: 0.17 lbs

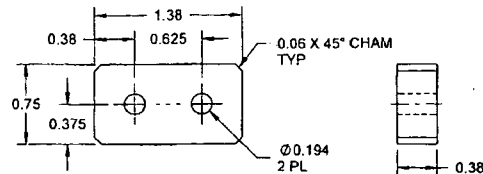
RELEASED
2010-02-26

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	JPH	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. C
MFG. APPR.	<i>[Signature]</i>	D3953	SHEET 3 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	GAS SPRING LID COMPONENTS	NTS
DATE	10.01.29	<small>COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PROVIDED UNDER THE TERMS OF THE DART AEROSPACE LTD NOT TO BE USED FOR ANY PURPOSE OR CONVEYED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	

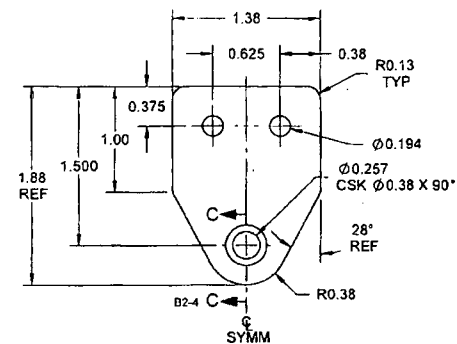
11146



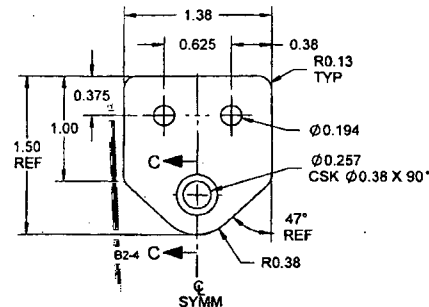
D3953-15 GAS SPRING BRACKET
(SPLIT LID)



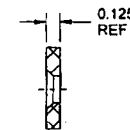
D3953-17 GAS SPRING SPACER
(SPLIT LID)



D3953-19 GAS SPRING BRACKET
(SQUARE BASKET)



D3953-21 GAS SPRING BRACKET
(SQUARE BASKET)



SECTION C-C

NOTES:

1) MATERIAL -15/-19/-21: 304/316 STAINLESS STEEL SHEET ANNEALED 2B FINISH,
PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240
REF DART SPEC M304S11GA

-17: AISI 304 STAINLESS STEEL BAR
REF DART SPEC M304B

2) FINISH: N/A

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3953-X" USING FINE POINT PERMANENT INK MARKER

7) WEIGHT -15: 0.08 lbs

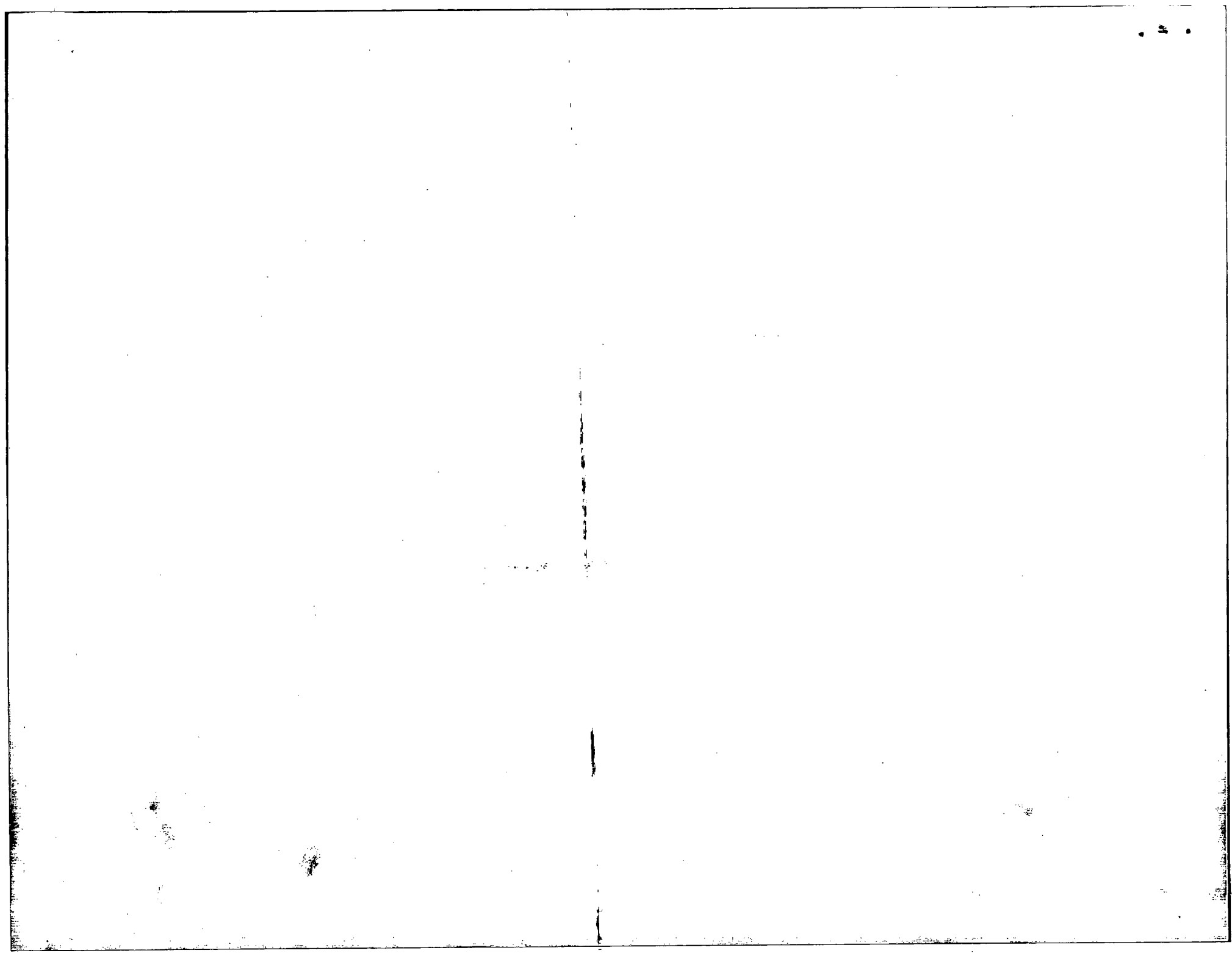
-17: 0.10 lbs

-19: 0.07 lbs

-21: 0.06 lbs

RELEASED
2010-02-26

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	JPH	HAWKESBURY, ONTARIO, CANADA	
CHECKED	[Signature]	DRAWING NO.	REV. C
MFG. APPR.	[Signature]	D3953	SHEET 4 OF 4
APPROVED	[Signature]	TITLE	SCALE
DE APPR.	[Signature]	GAS SPRING LID COMPONENTS	NTS
DATE	10.01.29	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Receiving Report

Date: 12/7/26 Batch No: M12251
 Supplier: THX 586h Dart P/O: 17463

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒
 Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒ N/A ☐
 Shipment Complete: DAS Yes ☐ No ☒ N/A ☐
 QC6 Inspection: 14 12/07/27 N/A ☐
 Work Order: 0-88 N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
M304B0-0W V0000		24	0	0	24	
M204B0620X300		12	0	0	12	
M6061T65032		96	0	0	96	
M7070T33200063		256	0	0	6	

Initials of receiver (if shipment OK) Level 12 le

Production/Admin: 12/1/26
 Date
 Received/Costing
 Initial

Location _____

Purchase Order Receipt Listing

Thursday, July 26, 2012 8:56:04 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO17463 Receipt Dates from 7/26/2012 to 7/26/2012 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VC-COP001 Thyssenkrupp Materials CA Ltd											
VendorID\Vendor Name											
PO17463	3		M303B1.000X1.000 f		7/25/2012	7/26/2012	12.7000	\$13.49	0.0000	0	\$171.36
GAD	No		303.BAR 1" X 1" f		12.0000	DESJ02		\$171.36	0.0000	0	
			122521								
	6		M304S11GA sf		7/23/2012	7/26/2012	280.0000	\$8.85	0.0000	0	\$2,478.17
	No		304/316 0.125 Sheet sf		280.0000	DESJ02		\$2,478.17	0.0000	0	
			122521								
	7		M6061T6B0.500X01. f		7/23/2012	7/26/2012	24.0000	\$1.55	0.0000	0	\$37.09
	No		250		24.0000	DESJ02		\$37.09	0.0000	0	
			6061-T6 Bar .500 x f								
			1.25								
			122521								
	8		M6061T6B0.500X06. f		7/23/2012	7/26/2012	24.0000	\$7.03	0.0000	0	\$168.78
	No		000		24.0000	DESJ02		\$168.78	0.0000	0	
			6061-T6 Bar .500 x f								
			6.00								
			122521								
	9		M6061T6B0.750X01. f		7/23/2012	7/26/2012	24.0000	\$2.62	0.0000	0	\$62.80
	No		500		24.0000	DESJ02		\$62.80	0.0000	0	
			6061-T6 Bar .750 X f								
			1.50								
			122521								
	10		M6061T6B1.000X04. f		7/23/2012	7/26/2012	24.0000	\$9.24	0.0000	0	\$221.77
	No		000		24.0000	DESJ02		\$221.77	0.0000	0	
			6061-T6 Bar 1.00 x f								
			4.00								
			122521								
	11		M6061T6B1.250X01. f		7/23/2012	7/26/2012	12.0000	\$3.60	0.0000	0	\$43.18
	No		250		12.0000	DESJ02		\$43.18	0.0000	0	
			6061-T6 Bar 1.25 x f								
			1.25								
			122521								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Part Sid	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty Rejected Qty (PO U/M)	MIRB Qty/ MIRB Reject Qty	Book Amt
VendorID/Vendor Name		VC-COP001	Thyssenkrupp Materials CA Ltd								
PO17463	12		M6061T6B1.500X02. f 000		7/23/2012	7/26/2012	12.0000	\$6.87	0.0000	0	\$82.43
CAD	No		6061-T6 Bar 1.50 x f 2.00		12.0000	DESJ02		\$82.43	0.0000	0	
			122521								
	13		M6061T6B2.000X02. f 250		7/23/2012	7/26/2012	12.0000	\$11.61	0.0000	0	\$139.34
	No		6061-T6 Bar 2.00 x f 2.25		12.0000	DESJ02		\$139.34	0.0000	0	
			122521								
	14		M6061T6R1.000 f		7/23/2012	7/26/2012	24.0000	\$1.80	0.0000	0	\$43.18
	No		ROUND BAR 1.00" f		24.0000	DESJ02		\$43.18	0.0000	0	
			122521								
	15		M6061T6R3.500 f		7/23/2012	7/26/2012	12.0000	\$23.06	0.0000	0	\$276.73
	No		6061 RD bar 3.50 f		12.0000	DESJ02		\$276.73	0.0000	0	
			122521								
	17		M6061T6S.080 sf		7/23/2012	7/26/2012	96.0000	\$3.05	0.0000	0	\$292.43
	No		6061-T6 .080 Sheet sf		96.0000	DESJ02		\$292.43	0.0000	0	
			122521								
	18		M6061T6S.125 sf		7/23/2012	7/26/2012	64.0000	\$4.75	0.0000	0	\$304.20
	No		6061-T6 .125 Sheet sf		64.0000	DESJ02		\$304.20	0.0000	0	
			122521								
Total Received Quantity:											620.7000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$4,321.47
Total Balance Due Quantity:											0.0000

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G
No: PEC 777693
Ship Date 23Jul12 at 10:57 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

B I L L O F L A D I N G
1) Our Order PEC-472083- 1 Your PO # 17463
STAINLESS STEEL SQ BAR 303 STAINLESS
1.00" X 151.0000"

Heat Number	Tag No	Quantity	PCS	MTR	Wt LBS
245298	88401	12 ' 7.0000 "	1		43

2) Our Order PEC-472083- 2 Your PO # 17463
STAINLESS STEEL SHEET 304-2B
.1200 Nom X 48.0000" X 120.0000"

Heat Number	Tag No	Quantity	PCS	MTR	Wt LBS
SF29688	88728	280.00 SFT	7		1347

3) Our Order PEC-472083- 3 Your PO # 17463
ALUMINUM FLAT BAR 6061-T6511
.50" x 1.250" X 144.0000"

Heat Number	Tag No	Quantity	PCS	MTR	Wt LBS
Z00248009	88402	24 FT	2		17

4) Our Order PEC-472083- 4 Your PO # 17463
ALUMINUM FLAT BAR 6061-T6511
.50" X 6.00" X 144.0000"

Heat Number	Tag No	Quantity	PCS	MTR	Wt LBS
201210006	88403	24 FT	2		84

5) Our Order PEC-472083- 5 Your PO # 17463
ALUMINUM FLAT BAR 6061-T6511
.750" X 1.50" X 144.0000"

Heat Number	Tag No	Quantity	PCS	MTR	Wt LBS
HK079 712	88404	24 FT	2		32

Page: 1Continued

2 10/2/26

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTEES IMMEDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

25 JUL 2012

RECU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

SHIP FROM:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Ship To: (1)
DART AEROSPACE

No: PEC 777693
Ship Date 23Jul12 at 10:57 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

B I L L O F L A D I N G

B I L L O F L A D I N G

6) Our Order PEC-472083- 6 Your PO # 17463
ALUMINUM FLAT BAR 6061-T6511
1.00" x 4.00" X 144.0000"
Heat Number Tag No
201210303 88405

Quantity PCS MTR Wt LBS
24 FT 2 114

7) Our Order PEC-472083- 7 Your PO # 17463
ALUMINUM SQUARE BAR 6061-T6511
1.250" X 144.0000"
Heat Number Tag No
Z00240017 88406

Quantity PCS MTR Wt LBS
12 FT 1 23

8) Our Order PEC-472083- 8 Your PO # 17463
ALUMINUM FLAT BAR 6061-T6511
1.50" x 2.00" X 144.0000"
Heat Number Tag No
201209117 88407

Quantity PCS MTR Wt LBS
12 FT 1 43

9) Our Order PEC-472083- 9 Your PO # 17463
Part # OFFERING***** Rel #
ALUMINUM FLAT BAR 6061-T6511
2.00" x 2.50" X 144.0000"
Heat Number Tag No
C7331164 88408

Quantity PCS MTR Wt LBS
12 FT 1 71

10) Our Order PEC-472083- 10 Your PO # 17463
ALUMINUM ROUND BAR 6061-T6511
1.00" DIA X 144.0000"
Heat Number Tag No
Z00216020 88409

Quantity PCS MTR Wt LBS
24 FT 2 23

11) Our Order PEC-472083- 11 Your PO # 17463
ALUMINUM ROUND BAR 6061-T6511
3.50" DIA X 144.0000"

MTR

Page: 2Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTEES IMMEDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

25 JUL. 2012

RECU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Ship To: (1)
 DART AEROSPACE

No: PEC 777693
 Ship Date 23Jul12 at 10:57 From PFW
 Probill
 Via VIM TRANSFER
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE

B I L L O F L A D I N G
 Heat Number Tag No Quantity PCS Wt LBS
 21112151 88410 12 FT 1 140

12) Our Order PEC-472083- 12 Your PO # 17463

ALUMINUM SHEET 6061 T6

.0810 Nom X 48.0000" X 144.0000"

Heat Number Tag No
 25872/01/00 88035

Quantity PCS
 96.00 SFT 2

MTR Wt LBS
 105

13) Our Order PEC-472083- 13 Your PO # 17463

ALUMINUM SHEET 6061 T6

.1250 Nom X 48.0000" X 96.0000"

Heat Number Tag No
 30286/01/00 88036

Quantity PCS
 64.00 SFT -2

MTR Wt LBS
 109

14) Our Order PEC-472083- 14 Your PO # 17463

Part # PLATE ASTM B 209 QQ-A-250/12 Rel #

ALUMINUM PLATE 7075T7351

2.50" THICK X 3.2500" X 72.0000"

*** BACK ORDER ***

TOTAL: Tags PCS LBS
 13 26 2151

Heat Number
 201209117
 201210006
 201210303
 21112151
 245298
 25872/01/00
 30286/01/00
 HK079 712
 SF29688
 Z00216020

*** Chemical Analysis ***

Page: 3Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
 RAPPORTEES IMMEDIATEMENT
 ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
 RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

25 JUL 2012

RECU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
 IVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST:# 140223934 RT0001

DATE

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Ship To: (1)
DART AEROSPACE

No: PEC 777693
Ship Date 23Jul12 at 10:57 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

=====

B I L L O F L A D I N G

Z00240017
Z00248009

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.
ATTN: CHANTAL/LINDA
** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 BDL, 2 SKIDS GW. 2477 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***
**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 4 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

25 JUL 2012

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SHEET 304-2B
1200 Nom X 48.0000" X 120.0000"
PART NO.

PO/Rel 17463

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-777693-002

23Jul12
Pg 1/1

Signed by:

DAS
14
9-89

12/07/27

产品质量证明书 MILL TEST CERTIFICATE



江苏大明金属制品有限公司

JANGSU DAMING METAL PRODUCTS CO., LTD.

地址: 无锡市太湖新城
ADDRESS: NO. 111 TONGJIANG ROAD
WUXI, JIANGSU PROVINCE, CHINA
TEL: 81905887

订单号: 82698
Order No.
客户: GLOBAL STAINLESS STEEL INC.
Order
供应商: CONSIGNEE

品名: COLD ROLLED STAINLESS
Commodity: STEEL SHEET, BLIT EDGE

编号: M120302001
Invoice No.
发行日期: 2012-4-15
Date

序号 No.	Product No.	牌号 Type	表面加工 Surface Finish	产品尺寸 Product Size			重量 NET Weight KG	标准 Specification	力学性能 Tensile Test			硬度 Hardness HV0.05	钢号 STEEL NO.	炉号 HEAT NO.	化学成分 Chemical Composition (%)							
				厚度 Thickness MM	宽度 Width MM	长度 Length MM			屈服强度 Rp0.2 Mpa	抗拉强度 Rm Mpa	延伸率 A %				C	Si	Mn	P	S	Ni	Cr	N
1	P001693080	304	2B	0.5	1219	2438	910.04	ASTM A240	275	731	65	157	QWAD130C	SF28811	0.0510	0.5090	1.0820	0.0321	0.0057	8.02	18.26	/
2	P001693081	304	2B	0.5	1219	3048	908.08	ASTM A240	275	731	65	157	QWAD130C	SF28811	0.0510	0.5090	1.0820	0.0321	0.0057	8.02	18.26	/
3	P001715073	304	2B	0.5	1219	3048	939.00	ASTM A240	270	731	60	157	QWED3401B	SF28408	0.0458	0.5120	1.0540	0.0208	0.0064	8.02	18.32	/
4	P001682219	304	2B	1.6	1219	2438	1815.74	ASTM A240	273	692	62	163	QW92078D	SF30003	0.0378	0.4480	1.0270	0.0186	0.0022	8.05	18.17	/
5	P001693220	304	2B	1.6	1219	3048	1831.49	ASTM A240	273	692	62	163	QW92078D	SF30003	0.0378	0.4480	1.0270	0.0186	0.0022	8.05	18.17	/
6	P001693221	304	2B	1.5	1219	3048	216.74	ASTM A240	273	692	62	163	QW92078D	SF30003	0.0378	0.4480	1.0270	0.0186	0.0022	8.05	18.17	/
7	P001729553	304	2B	2.0	1219	3048	930.66	ASTM A240	293	704	58	173	QW20999A	SF28445	0.0426	0.4720	1.0300	0.0100	0.0051	8.05	18.17	/
8	P001694263	304	2B	3.0	1219	2438	1409.00	ASTM A240	281	663	61	175	QUB0403A	SF28888	0.0504	0.4510	1.1420	0.0343	0.0034	8.05	18.44	/
9	P001694295	304	2B	3.0	1219	3048	1407.64	ASTM A240	281	663	61	175	QUB0403A	SF28888	0.0504	0.4510	1.1420	0.0343	0.0034	8.05	18.44	/
10	P001705088	304	2B	2.0	1219	2438	1408.38	ASTM A240	287	714	55	174	QUC0023A	SF30003	0.0378	0.4480	1.0270	0.0186	0.0022	8.05	18.17	/
11	P001705121	304	2B	2.5	1219	3048	1393.94	ASTM A240	287	714	55	174	QUC0023A	SF30003	0.0378	0.4480	1.0270	0.0186	0.0022	8.05	18.17	/
12	P001699782	304	NO 4+	1.5	1219	2438	1970.45	ASTM A240	267	664	60	164	QWCD161B	SF30027	0.0476	0.5270	1.0650	0.0300	0.0040	8.04	18.22	/
13	P001699769	304	NO 4+	1.5	1219	3048	1975.55	ASTM A240	267	664	60	164	QWCD161B	SF30027	0.0476	0.5270	1.0650	0.0300	0.0040	8.04	18.22	/
14	P001699755	304	NO 4+	2.0	1219	2438	1983.80	ASTM A240	315	847	53	83	KA11234070A10	C3109695	0.0400	0.4500	1.0900	0.0300	0.0010	6.1	18.21	0.048
15	P001703036	304	NO 4+	2.5	1219	2438	1670.30	ASTM A240	287	714	55	174	QUC0023A	SF30003	0.0378	0.4480	1.0270	0.0186	0.0022	8.05	18.17	/
16	P001703037	304	NO 4+	2.5	1219	2438	1670.30	ASTM A240	287	714	55	174	QUC0023A	SF30003	0.0378	0.4480	1.0270	0.0186	0.0022	8.05	18.17	/

注: (Remarks)
尺寸公差: 合格
Surface: Guaranteed

底切所列产品均符合订单和标准的制造要求

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE IN ACCORDANCE
WITH THE ORDER AND SPECIFICATION
此证书仅可完全复制

江苏大明金属制品有限公司
JIANGSU DAMING METAL PRODUCTS CO., LTD.



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17463

Purchase Order Date 7/17/12
PO Print Date 7/17/12

Page Number 1 of 6

Order From :

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

VC-COP001

Contact Name

Vendor Phone 905 669 9444

Vendor Fax 905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

10127-2607

Tax Resale Nbr

Net 30

Terms

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REVISED

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
3	M303B1.000X1.000 050	303 BAR 1" X 1"	7/25/12 Yes	12.00 f 12.7	Yours ppd	\$13.7500	\$165.00
Special Inst:			MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE				
4	M304B0.500X2.500 050	304 BAR .500 x 2.50	7/25/12 Yes	24.00 f	Yours ppd	\$12.9083	\$309.80
Special Inst:			AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 (NOTE: AISI 303 NOT ACCEPTABLE)				
5	M304B0.625X3.000 050	304 BAR .625 X 3.00	7/25/12 Yes	12.00 f	Yours ppd	\$20.2500	\$243.00

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required - YES NO

Change Nbr: 2

Change Date: 7/17/12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17463

Purchase Order Date 7/17/12

PO Print Date 7/17/12

Page Number 2 of 6

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone 905 669 9444

Vendor Fax 905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Special Inst: AISI 304/316 SS BAR OR AISI 304/316 SS
PLATE
AS PER ASTM A276 OR ASTM A240
(NOTE: AISI 303 NOT ACCEPTABLE)

6 M304S11GA 304/316 0.125 Sheet 7/23/12 280.00 Yours ppd \$9.0193 \$2,525.40
Yes sf 1

Special Inst: MATERIAL: AISI 304/316 SS SHEET
ANNEALED 2B FINISH
AS MIL-S-5059 OR AMS 5513 (304) OR
AMS 5524 (316)
OR ASTM A240 OR ASME SA240

7 M6061T6B0.500X01.250 6061-T6 Bar .500 x 1.25 7/23/12 24.00 Yours ppd \$1.5750 \$37.80
Yes f

Special Inst: MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

8 M6061T6B0.500X06.000 6061-T6 Bar .500 x 6.00 7/23/12 24.00 Yours ppd \$7.1667 \$172.00
Yes f

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required YES NO

Change Nbr: 2

Change Date: 7/17/12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17463

Purchase Order Date 7/17/12

PO Print Date 7/17/12

Page Number 3 of 6

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

905 669 9444

905 738 9033

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

9

M6061T6B0.750X01.500

6061-T6 Bar .750 X 1.50

7/23/12

Yes

✓ 24.06

f Yours ppd

\$2.6667

\$64.00

003

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

10

M6061T6B1.000X04.000

6061-T6 Bar 1.00 x 4.00

7/23/12

Yes

✓ 24.00

f Yours ppd

\$9.4167

\$226.00

004

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

11

M6061T6B1.250X01.250

6061-T6 Bar 1.25 x 1.25

7/23/12

Yes

✓ 12.00

f Yours ppd

\$3.6667

\$44.00

003

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required YES NO

Change Nbr: 2

Change Date: 7/17/12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17463

Purchase Order Date 7/17/12

PO Print Date 7/17/12

Page Number 4 of 6

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name
Vendor Phone 905 669 9444
Vendor Fax 905 738 9033
Vendor Account Nbr

Buyer Chantal Lavoie
Requisition Nbr
Tax Resale Nbr 10127-2607
Terms Net 30
Currency CAD
FOB Destination-Collect

Special Inst: MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

12 M6061T6B1.500X02.000 6061-T6 Bar 1.50 x 2.00 7/23/12 12.00 Yours ppd \$7.0000 \$84.00
Yes f 010 C12/17/26

Special Inst: MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

13 M6061T6B2.000X02.250 6061-T6 Bar 2.00 x 2.25 7/23/12 12.00 Yours ppd \$11.8333 \$142.00
Yes f 009 C12/17/26

Special Inst: MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

14 M6061T6R1.000 ROUND BAR 1.00" 7/23/12 24.00 Yours ppd \$1.8333 \$44.00
Yes f d3 C12/17/26

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required YES NO

Change Nbr: 2

Change Date: 7/17/12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17463

Purchase Order Date 7/17/12

PO Print Date 7/17/12

Page Number 5 of 6

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

905 669 9444

Vendor Fax

905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/
4115/4116 OR QQ-A-200/8 OR AMS-QQ-
A-200/8 OR AMS 4160
OR ASTM B211 OR ASTM B221

15 M6061T6R3.500

6061 RD bar 3.50

7/23/12

Yes

12.00 Yours ppd

\$23.5000

\$282.00

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/
4115/4116 OR QQ-A-200/8 OR AMS-QQ-
A-200/8 OR AMS 4160
OR ASTM B211 OR ASTM B221

16 M6061T6S.032

6061-T6 Sheet 0.032"

7/23/12

Yes

96.00 Yours ppd
sf

\$1.9792

\$190.00

Special Inst:

MATERIAL: 6061-T6/T62 ALUMINUM
SHEET
AS PER QQ-A-250/11 OR AMS-QQ-A-
250/11 OR
AMS 4025 OR AMS 4027 OR ASTM B209

17 M6061T6S.080

6061-T6 .080 Sheet

7/23/12

Yes

96.00 Yours ppd
sf

\$3.1042

\$298.00

Change Nbr:

2

Change Date:

7/17/12

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required ☒ YES ☐ NO



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17463

Purchase Order Date 7/17/12

PO Print Date 7/17/12

Page Number 6 of 6

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

905 669 9444

Vendor Fax

905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Special Inst:

MATERIAL: 6061-T6/T62 ALUMINUM
SHEET
AS PER QQ-A-250/11 OR AMS-QQ-A-
250/11 OR
AMS 4025 OR AMS 4027 OR ASTM B209

18

M6061T6S.125

6061-T6 .125 Sheet

7/23/12

Yes

64.00

Yours ppd

\$4.8438

\$310.00

Special Inst:

MATERIAL: 6061-T6/T62 ALUMINUM
SHEET
AS PER QQ-A-250/11 OR AMS-QQ-A-
250/11 OR
AMS 4025 OR AMS 4027 OR ASTM B209

19

M7075T73B2.500X03.25

7075-T73 Bar 2.50 x 3.25

7/23/12

Yes

6.00

Yours ppd

\$49.6667

\$298.00

Special Inst:

7075-T73 (OR 7075-
T7351/T73510/T73511) BAR PER ASM-
QQ-A-200/11 OR AMS-QQ-A-225/9 (AMS
4124) OR AMS-QQ-A-250/12 (AMS 4078)

PO Total:

\$5,435.00

Change Nbr:

2

Change Date:

7/17/12

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required **YES** NO